

Substitute Form PTO-1449 (Modified) SEP 24 2001 U.S. Department of Commerce Patent and Trademark Office <b>Information Disclosure Statement</b> by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	Attorney's Docket No. 12885-003001	Application No. 09/918,353
	Applicant Kamel Ayadi	
	Filing Date July 30, 2001	Group Art Unit <del>Unknown</del> 2829

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
K	AQ	T.K. Woodward and A.V. Krishnamoorthy, "1-GB/s Integrated Optical Detectors and Receivers in commercial CMOS Technologies," IEEE J. Selected Topics in Quantum Electrons, vol. 5, no. 1, pp. 146-156, March 1999.
K	AR	K. Ayadi, "High-Speed, Highly-Sensitive OEIC Using Clocked Vertical BJTs PhotoDarlington in CMOS Technology," IEEE J. Solid-State Circuits, vol. 34, no. 4, pp. 559-564, April 1999.
K	AS	K.P. Jackson, E. B. Flint, M.F. Cina, D. Lacey, Y. Kwark, J.M. Trehella, T. Caulfield, P. Buchmann, Ch. Harder and P. Vettiger, "A High-Density, Four-Channel, OEIC Transceiver Module Utilizing Planar-Processed Optical Waveguides and Flip-Chip, Solder-Bump Technology," IEEE J. Lightwave Techno., vol. 12, no. 7, pp. 1185-1191, 1994.

Examiner Signature

*K. Nguyen*

Date Considered

*8/17/03*

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<i>K</i>	AT	H. Kosaka, M. Kajita, M. Yamada, and Y. Sugimoto, "A 16 x 16 Optical Full-Cross-Bar Connection with VCSEL-Array Push/Pull Module and Polymer-Waveguide Coupler Connector," IEEE Photon. Technol. Lett., vol. 9, no. 2, pp. 244-246, Feb. 1997.
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	AV	J.W. Goodman, F.J. Leonberger, S.-Y. Kung, and R.A. Athale, "Optical Interconnections for VLSI Systems," Proceedings of the IEEE, vol. 72, no. 7, July 1984.
	AW	F.A.P. Tooley, "Optically Interconnected Electronics-Challenges and Choices," Proceedings "Massively Parallel Processing Using Optical Interconnections" MPPOI'96, pp. 138-145, 1996. See also F.A.P. Tooley, "Challenges in Optically Interconnecting Electronics," IEEE J. Select. Areas Quantum Electron., vol. 2, pp. 3-13, April 1996.
	AX	M. Kihara, S. Nagasawa, M. Takaya, and T. Tanifuji, "A New type of Demountable Optical Device for Coupling Single-Mode Planar Waveguides to a Multifiber Array Using Passive Alignment," IEEE Photo. Technol. Lett., Vol. 7, No. 11, pp. 1453-1455, 1995.
	AY	T. Satake, T. Arikawa, P.W. Blubaugh, C. Persons, and T. Uchida, "MT multifiber connectors and new applications," in Proc. Electron. Components Technol. Conf. (ECTC), pp. 994-999, 1994.
	AZ	R. Nagarjan, W. Sha, B. Li, and R. Craig, "Gigabyte/s Parallel Fiber-Optic Links Based on Edge Emitting Laser Diode Arrays," IEEE J. Lightwave Technol., vol. 16, no. 5, pp. 778-787, May 1998.
	AAA	Y. Yamada, F. Hanawa, T. Kitoh, and T. Maruno, "Low-Loss and Stable Fiber-to-Waveguide Connection Utilizing UV Curable Adhesive," IEEE Photon. Technol. Lett., vol. 4, no. 8, pp. 906-908, Aug. 1992.
	ABB	J.M. Senior, "Optical Fiber Communications: Principles and Practice," Prentice Hall, 1992.
	ACC	M. Kajita, H. Kosaka, M. Yamada, Y. Sugimoto, K. Kurata, and T. Tanabe, "1-Gb/s Modulation Characteristics of a Vertical-Cavity Surface-Emitting Laser Array Module," IEEE Photon. Technol. Lett., vol. 9, no. 2, pp. 146-148, Feb. 1997.
	ADD	Y. Ota, R.C. Miller, S.R. Forrest, D.R. Kaplan, C.W. Seabury, R.B. Huntington, J.G. Johnson, and J.R. Potopowicz, "Twelve-Channel Individually Addressable InGaAs/InP p-i-n Photodiode and InGaAsP/InP LED Array in a Compact Package," IEEE J. Lightwave Technology, vol. LT-5, no. 8, pp. 1118-1122, Aug. 1987.
	AEE	T. Sakake, N. Kashima, and M. Oki, "Very Small Single-Mode Ten-Fiber Connector," IEEE J. Lightwave Technology, vol. 6, no. 2, pp. 269-272, 1988.
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	AGG	A. Krishnamoorthy, and D.A.B. Miller, "Scaling Optoelectronic-VLSI Circuits into the 21 <sup>st</sup> Century: A Technology Roadmap," IEEE J. Selected Topics in Quantum Electronics, Vol. 2, No. 1, pp. 55-76, April 1996.
<i>✓</i>	AHH	"Estimation of Ground Bounce.." by A. Kabbani et al. IEEE Transactions on Components and Packaging Technology, vol. 22, no. 2, pp. 316-325, June 1999.
<i>K</i>	AII	G.N. Lu, et al., "Color detection using.." IEEE Electron Lett., vol. 32, no. 6, pp. 594-596, March 96.

Examiner Signature <i>K. Ayadi</i>	Date Considered <i>6/12/03</i>
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